

INTERNATIONAL SEARCH REPORT

Internal	Application No
PCT/GB 03/03162	

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A23L1/09 A23P1/08 A23G3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A23L A23P A23G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 3 556 814 A (ROSENTHAL HAROLD ET AL) 19 January 1971 (1971-01-19) the whole document	21-23, 31,35,36
X	US 3 552 979 A (KRUSE NORMAN F) 5 January 1971 (1971-01-05) the whole document	35
X	US 4 146 653 A (MADER HELMUT ET AL) 27 March 1979 (1979-03-27) the whole document	21,23,35
X	US 3 477 858 A (MELNICK DANIEL ET AL) 11 November 1969 (1969-11-11) the whole document	35,37-39
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the International search report

29 October 2003

06/11/2003

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx 31 651 epo nl.
Fax (+31-70) 340-3016

Authorized officer

Vuillamy, V

INTERNATIONAL SEARCH REPORT

Internal	Application No
PCT/GB 03/03162	

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 305 356 A (LEJUS MEDICAL AB) 1 March 1989 (1989-03-01) the whole document -----	21,23, 29-31, 35,36
X	US 5 580 601 A (RIBADEAU-DUMAS GUILLAUME ET AL) 3 December 1996 (1996-12-03) column 3, line 61 - line 67 column 7, line 53 - line 61 -----	35,36
X	US 3 769 438 A (LYNCH M ET AL) 30 October 1973 (1973-10-30) the whole document -----	35,36
X	WO 95 07625 A (WRIGLEY W M JUN CO ; TYRPIN HENRY T (US); BRODERICK KEVIN B (US); MEYE) 23 March 1995 (1995-03-23) claims examples -----	1-14, 35-39
X	US 5 900 261 A (SERPELLONI MICHEL ET AL) 4 May 1999 (1999-05-04) column 5, line 43 - column 6, line 34 examples -----	35,36

INTERNATIONAL SEARCH REPORT

Internal PCT/GB 03/03162	Application No
-----------------------------	----------------

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3556814	A	19-01-1971	NONE			
US 3552979	A	05-01-1971	NONE			
US 4146653	A	27-03-1979	DE AT AT AU AU BE CA CH ES FR GB HU IT JP JP JP NL SE SE	2636152 A1 352884 B 584277 A 510921 B2 2768777 A 857659 A1 1086650 A1 630259 A5 461516 A1 2361105 A1 1547527 A 176597 B 1086479 B 1134821 C 53020416 A 57025007 B 7708808 A 431935 B 7709050 A		06-10-1977 10-10-1979 15-03-1979 17-07-1980 15-02-1979 01-12-1977 30-09-1980 15-06-1982 16-07-1978 10-03-1978 20-06-1979 28-03-1981 28-05-1985 14-02-1983 24-02-1978 27-05-1982 14-02-1978 12-03-1984 12-02-1978
US 3477858	A	11-11-1969	DE	1692600 A1		16-03-1972
EP 0305356	A	01-03-1989	SE AT CA DE EP SE US	463541 B 64548 T 1318482 C 3863328 D1 0305356 A1 8703358 A 4937080 A		10-12-1990 15-07-1991 01-06-1993 25-07-1991 01-03-1989 01-03-1989 26-06-1990
US 5580601	A	03-12-1996	FR AT AU AU DE DE DK EP ES FI GR IL JP NO	2714796 A1 179050 T 682912 B2 1009995 A 69509138 D1 69509138 T2 662285 T3 0662285 A1 2131777 T3 950087 A 3030484 T3 112287 A 8033451 A 950084 A		13-07-1995 15-05-1999 23-10-1997 20-07-1995 27-05-1999 14-10-1999 25-10-1999 12-07-1995 01-08-1999 11-07-1995 29-10-1999 30-10-1998 06-02-1996 11-07-1995
US 3769438	A	30-10-1973	JP	51017177 B		31-05-1976
WO 9507625	A	23-03-1995	WO WO AU AU CA DE DE	9508925 A1 9507622 A1 680316 B2 8070894 A 2170498 A1 69431261 D1 69431261 T2		06-04-1995 23-03-1995 24-07-1997 03-04-1995 23-03-1995 02-10-2002 17-04-2003

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB 03/03162

Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
WO 9507625	A		DK 785724 T3 EP 0785724 A1 JP 9502615 T WO 9507625 A1 US 5536511 A US 5603970 A AU 685508 B2 AU 7687394 A AU 677725 B2 AU 7925594 A AU 697906 B2 AU 7960194 A CA 2170499 A1 CA 2170500 A1 CA 2171617 A1 DE 69331282 D1 DE 69331282 T2 DE 69409817 D1 DE 69409817 T2 DE 69422820 D1 DE 69422820 T2 DE 69426983 D1 DE 69426983 T2 DK 726713 T3 DK 719094 T3 DK 721302 T3 EP 0726713 A1 EP 0719094 A1 EP 0723401 A1 EP 0721302 A1 WO 9507624 A1 WO 9508928 A1 WO 9508929 A1 US 5397579 A US 6264999 B1 US 5916606 A AU 677604 B2 AU 5162093 A DE 69328039 D1 DE 69328039 T2 DK 719093 T3 EP 0719093 A1 US 5665406 A		06-01-2003 30-07-1997 18-03-1997 23-03-1995 16-07-1996 18-02-1997 22-01-1998 03-04-1995 01-05-1997 18-04-1995 22-10-1998 18-04-1995 23-03-1995 06-04-1995 06-04-1995 17-01-2002 23-05-2002 28-05-1998 29-10-1998 02-03-2000 21-06-2000 03-05-2001 19-07-2001 04-03-2002 02-06-1998 30-04-2001 21-08-1996 03-07-1996 31-07-1996 17-07-1996 23-03-1995 06-04-1995 06-04-1995 14-03-1995 24-07-2001 29-06-1999 01-05-1997 03-04-1995 13-04-2000 13-07-2000 05-06-2000 03-07-1996 09-09-1997
US 5900261	A	04-05-1999	FR 2740300 A1 AT 216190 T AU 716114 B2 AU 7046896 A AU 7498096 A CA 2189094 A1 CN 1202803 A ,B DE 69620712 D1 DE 69620712 T2 DK 774210 T3 EP 0774210 A1 ES 2175049 T3 WO 9716074 A1 IL 124212 A	30-04-1997 15-05-2002 17-02-2000 08-05-1997 22-05-1997 01-05-1997 23-12-1998 23-05-2002 02-10-2003 29-07-2002 21-05-1997 16-11-2002 09-05-1997 21-11-2000	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/03162

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5900261	A	NO 964585 A	02-05-1997
		PL 326447 A1	28-09-1998
		PT 774210 T	30-09-2002
		RU 2176885 C2	20-12-2001
		TR 9800761 T2	21-07-1998